IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Tre application of:

Ryoko KATAYANAGI; Yasuyuki MURAKAMI; and Masao KASAHARA

Serial No: Not assigned

Filed: May 21, 2001

ENCRYPTION METHOD, DECRYPTION METHOD, CRYPTOGRAPHIC For: COMMUNICATION METHOD, CRYPTOGRAPHIC COMMUNICATION SYSTEM, MEMORY PRODUCT AND DATA SIGNAL EMBODIED IN CARRIER WAVE

Box PATENT APPLICATION Commissioner for Patents Washington, D.C. 20231

Dear Sir:

ū

CORRESPONDENCE ADDRESS:

000026021



			26021
Т	rai	nsmitted herewith for filing is the patent application identified above.	PATENT TRADEMARK OFFICE
Ď	XI.	2_sheet(s) of drawings (formal informal) is(are) enclosed.	
Ā	♬	47 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.	
/K	\exists	An assignment of the invention to MURATA KIKAI KABUSHIKI KAISHA and Masao KASAHAF	RA 🛛 is enclosed 🗌
/ Ł	\triangle		
· _	_	will follow.	
L		An associate power of attorney is enclosed will follow.	
Ī		Applicant claims small entity status. See 37 CFR 1.27.	
Ō	$\overline{\lambda}$	Declaration and Power of Attorney X is enclosed Will follow.	
Ď	Ħ	A certified copies of <u>Japanese</u> Patent Application No. <u>2000-153358</u> filed <u>May 24, 2000</u>	and 2000-307822 filed
_	_	October 6, 2000 from which priority is claimed under 35 U.S.C. § 119 is enclosed and 2001-9770	01 filed March 29, 2001
		will follow.	
	\boxtimes	IDS enclosed (with 1 reference(s)).	
Ī		Preliminary Amendment is enclosed.	
Ī		Application data sheet is enclosed. See 37 CFR 1.76.	
Ē	X	Return postcard is enclosed.	

CALCULATION OF FEES												
	ITEM	TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE				
Α	TOTAL CLAIMS FE E	38	-20	18	LG=\$18 SM=\$9	\$18	324	*	4			
В	INDEPENDENT CLAIMS FEE*	8	-3	5	LG=\$80 SM=\$40	\$80	400	;	,			
С	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)							7	24			
D	MULTIPLE-DEPENDENT CLAIMS FEE					LARGE ENTITY FEE = \$270 SMALL ENTITY FEE = \$135						
E	LARGE ENTITY FE BASIC FEE SMALL ENTITY FE							\$ 7	10			
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)							\$ 1.4	34 00			
G	ASSIGNMENT RECORDING FEE \$40							\$	40			
<u> </u>	*LIST INDEPENDENT CLAIMS 1, 4, 6, 9, 11, 15, 37 and 38.											

Please charge my Deposit Account No. 50-1314 the amount of \$_0_. A copy of this letter is enclosed.

A check in the amount of \$_1,434.00 to cover the filing fee is enclosed.

A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.

The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. A copy of this sheet is enclosed.

Any additional filing fees required under 37 C.F.R. 1.16

Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted, HOGAN & HARTSON L

Michael Crapenhoft Registration No. 37,115 Attorney for Applicant(s)

Date: May 21, 2001

500 South Grand Avenue, Suite 1900

Los Angeles, CA 90071

Telephone: Facsimile:

(213) 337-6700 (213) 337-6701

28-23-01

PATENT

Not assigned

Not assigned

Attorney Docket No: 81942.0015

Art Unit:

Examiner:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Kiyoko KATAYANAGI et al.

Serial No: Not assigned

Filed:

May 21, 2001

For:

ENCRYPTION METHOD, DECRYPTION METHOD, CRYPTOGRAPHIC COMMUNICATION METHOD,

CRYPTOGRAPHIC COMMUNICATION SYSTEM, MEMORY PRODUCT AND DATA SIGNAL EMBODIED IN CARRIER WAVE

> CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL "Express Mail" Mailing Label No. EL 713 626 455 US Date of Deposit: May 21, 2001

Box PATENT APPLICATION Commissioner for Patents Washington, D.C. 20231

Dear Sir:

I hereby certify that

- two copies of a letter of transmittal
- check in amount of \$_1,434.00 as filing fee
- patent application (47 page(s) of specification; 38 claim(s); 1 page(s) of abstract
- 図 _2 sheet(s) of formal drawings
- executed Declaration and Power of Attorney
- assignment of the invention to MURATA KIKAI KABUSHIKI KAISHA and Masao 冈 KASAHARA
- certified copies of <u>Japanese</u> patent application No. <u>2000-153358</u> filed <u>May 24, 2000</u> and 2000-307822 filed October 6, 2000 from which priority is claimed in the subject case pursuant to 35 U.S.C. § 119
- Information Disclosure Statement with 1 reference \boxtimes
- return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

> **Box PATENT APPLICATION** Commissioner for Patents Washington, D.C. 20231.

Date: May 21, 2001

Hogan & Hartson, LLP

500 South Grand Avenue, Suite 1900

Los Angeles, California 90071 Telephone: 213-337-6700 Facsimile: 213-337-6701

Rebecca Golden

Name of person mailing papers